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DDS&T-1812-68

2 May 1968

MEMORANDUM FOR THE RECORD

SUBJECT: SIPS Hearing with OPPB, DDS, and OCS - 2 May 1968

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1. At 1000 hours on 2 May a hearing was called by OPPB in their Conference Room to discuss the SIPS program and other ADP items. Among those in attendance were Messrs. Clarke, [redacted] and [redacted] of OPPB; Messrs. Coffey, [redacted] Bannerman, [redacted] and [redacted] of DDS; Messrs. Briggs and [redacted] of OCS; Messrs. [redacted] and [redacted] of DDS&T. [redacted] made a few opening remarks to start the meeting, stating that the finished program memo on Automatic Data Processing will go to the BOB in the fall along with the budget. Therefore, the meetings being held at this time are extensive in hopes that they will be inclusive enough to preclude meetings in the fall. Mr. Clarke then stated that there are many problems inherent to the increase from the FY 69 base to the FY 70 estimates. OPPB is trying to present a fair and objective evaluation of these increases to the DCI. Data Processing is an important area in this evaluation because these costs have been on the rise in recent years, and Mr. Helms must be given sufficient information to allow him to plan logically for future expenditures.

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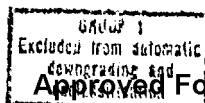
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2. Mr. Clarke asked DDS if they had any opening remarks to make on the SIPS program and [redacted] responded with a fifty-five minute treatise on the subject. Although this portion of the meeting was interesting and informational, it had little or no bearing on DDS&T and it is felt not essential to report on it in detail. After [redacted] finished his paper, a lengthy discussion followed on many of the subjects that he had covered including the need for record storage space, now and in the future, regulations control, and information processing. A point of interest in this latter area occurred when [redacted] questioned the personnel needs for the SIPS program and how OCS would tie into this requirement. [redacted] stated that once the SIPS program was implemented, many of the people currently detailed to DDS to develop this system would return to their components. This is scheduled to occur in FY 71. These people will then become the knowledgeable operators of the SIPS program within their office of assignment. Mr. Briggs added that a number of OCS people who have been working with the SIPS program will have to move to the offices which they have learned to service because of the capability that they have developed.

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3. In discussing the Logistics aspects of the SIPS program, Mr. Clarke asked if the Logistics Reporting and Contract Information Systems have been or are being unified. Mr. Briggs stated that there is a great deal of difference between the DDS&T CIS and the Logistics system but that they (OCS)



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are currently building central data bases which will be highly important to everyone concerned and will be available to many data terminal accesses. Mr. Bannerman commented that although OCS was originated to be the central ADP facility for the Agency, the current set-up does not always go along these lines. It is his feeling that all data processing eventually should be brought together in OCS; however, in the meantime, we cannot ignore the needs of ADP customers. Mr. Clarke stated that there are many instances of processing centralization in the Agency and that Mr. Duckett is now the coordinator of Agency RD&E. With this in mind it would seem quite logical to have a central CIS system for RD&E and Logistics. [ ] added that the CIS system could be used for Logistics with some alteration and [ ] stated that there are no current intentions in SIPS to merge Logistics and CIS but that they could incorporate all of the S&T requirements into the SIPS program and he quoted [ ] as saying that when this is done, S&T can abandon the CIS.

4. In the balance of the discussion of the SIPS program in DDS, there were relatively few items discussed that concerned DDS&T. At one point Mr. Briggs pointed out that the entire Division in which his SIPS people are employed could be used and will probably be involved at one time or another in SIPS work. He followed this by spelling out the equipment now in use on SIPS and closed by stating that SIPS work eventually will employ 360/65 and 360/20 computers when the job is fully integrated. While discussing the personnel requirements of SIPS, [ ] asked what part of the seventy-eight people needed for SIPS is an OCS input. [ ] stated that there are currently eight people from OCS working on SIPS, that there will be six in June, twelve by the end of the planning period (in September), and eventually other programmers will be required. [ ] said about thirty to thirty-five OCS people will have some input to SIPS in the long run. Later in the meeting Mr. Bannerman, in talking about the resources that the Agency is using on SIPS as opposed to Air Force management of some of their programs, stated that DDS looks to OCS for support in the SIPS program and that they do not want a computer system in DDS for this purpose. Mr. Briggs commented that OCS has programmed the back up to do this job and that there is no need for concern over the build up that it will require.

5. After a great deal more discussion of the DDS aspects of the SIPS program, the meeting finally turned to topics concerning OCS. [ ] and [ ] agreed that most of the questions formerly presented to OCS on this subject had been covered in the earlier discussion, therefore, these questions could be handled on an exception basis.

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6. In discussing the Personnel Reports System, [ ] asked for further explanation of question 1-B which concerns the number of personnel reports that are being discontinued during FY 68. Mr. Briggs stated that six personnel reports were discontinued in the period from November 1966 to November 1967. The 400 reports mentioned in the OPPB question are recurring reports and the increase which is of concern to OPPB is quite real.

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7. The [ ] was the next item of discussion. Mr. Briggs stated that the people enumerated in this project in the program are active in more than just [ ]. They are spread throughout the OCS effort for Office of Security, including some SIPS work.

8. The next question concerned the Training Records System. In answer to question 1-A, the relationship of this activity to SIPS, Mr. Briggs stated that training records may be integrated into SIPS without a great deal of alteration. OCS has looked into the potentiality of inserting remote batches into the system and they have found this to be impractical. They are currently considering alternative approaches but at this date, they do not know exactly how this will work out.

9. The next area of discussion was the Logistics Support System. Mr. Briggs stated that this area will be the first to be implemented in the SIPS program and he feels that he can concentrate more people on this work than shown in the program, if it is essential.

10. As a final item Mr. Briggs discussed the implementation of the SIPS program and its impact on OCS. He stated that many of the costs that he has quoted on SIPS equipment have been estimated by necessity since full knowledge of these requirements is not available at this time. Mr. Briggs said that his office is currently using a 360/20 computer full-time in the SIPS program plus part-time use on a 301 and a 501 and additional usage of some other systems including the SPECTRA 70/45. He closed by stating that eventually OCS anticipates using five 360 systems working full or part-time on SIPS.

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[ ]  
Plans and Programs Branch  
O/DDS&T

Attachments:

- 1 - SIPS Hearing (Topics for OCS)
- 2 - Questions for Support Services Staff Hearing

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SIPS Hearing

2 May, 1968

Topics for OCS

Management Applications Element

Personnel Reports System

1. Over 400 different kinds of reports will be provided to OP during FY 68. This is a net increase of 150 kinds of reports furnished to OP, FY 68 over FY 67.

a. These seem high. Has OP been requested to review requirements for reports and revalidate requirements? Is it being done?

b. How many kinds of reports are being discontinued during the period?

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1. Maintenance of the system, ad hoc requirements, etc. requires five programmers for the in-house system through FY 71.

a. Isn't this a rather large number of programmers to maintain an operational system of this sort? (The same number got the system going in FY 67.)

Training Records System

1. OCS plans to provide remote terminal access to training files.

a. Does SIPS relate directly or indirectly to this activity?

b. In view of increased problems and costs associated with remote access, discuss the requirements for this capability and the anticipated benefits.

c. With the demand for ADP resources in the foreseeable future, does this project have priority to justify adding another programmer in FY 71?

Financial Accounting System

1. To what extent will this System become a part of the SIPS system?

Logistics Support System

1. Plans are to convert the system to a direct access mode using a terminal network.

a. Do these plans relate to converting the present system or is this the SIPS plan?

b. How many Log Support System programmers plus SIPS programmers will be involved in testing SIPS design?

2. EPIC is part of the Log Support System.

a. The Govt. Printing Office found that input costs are much higher for an EPIC type activity and the pay off comes only in paper savings if the job would otherwise involve large volume printing from conventional computer print outs. Does the Agency use EPIC chiefly for this purpose? What have been the benefits of EPIC? The Costs?

b. How many programmers are now working on EPIC and how many of the four additional for Log Systems in FY 70 are for EPIC?

SIPS

1. Target date for implementation of the system is still FY 70.

a. Is this for all or part of SIPS?

b. If not all, what part and when all?

2. SIPS is having a direct impact on programmer personnel requirements for all ADP support to the Support Directorate, including the Personnel Reports System, Training Records System, Financial Accounting System and Logistic Support System.

a. Provide a resource chart which shows the change in the allocation of programmers from the present separate systems to the SIPS operational system.

3. SIPS will have a direct impact on ADP equipment configuration, systems, operations, costs, etc. To date there has been no estimate of what this will amount to.

a. What is the best ballpark estimate that OCS can make on SIPS hardware costs --- in whatever stages this can be most clearly shown?



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Questions for Support Services Staff Hearing

2 May, 1968

Human

Please describe in detail your present status, projected plans, and alternatives for this portion of SIPS. We are specifically interested in:

1. SSS resources required (funds and positions) to implement this system. Please explain specifically the number of personnel required on the SSS T/O, personnel to be detailed from the Office of Computer Services, and detailees from elsewhere in the Support Directorate.
2. Time phasing toward implementation.
3. What will this subsystem buy the Agency in terms of economy, time, manpower savings and decision making? Suppose this work is not done -- what is the estimated loss of capabilities? What factors force this approach on us versus other alternatives?
4. Please review the substantive requirements supporting this subsystem approach. Explain how the requirements influence the priority of your planned implementation.
5. Impact on the Office of Personnel, other DD/S Offices, and other Agency components (including OPPB) regarding manpower savings through the abolishment of older, slower systems and techniques. Please describe anticipated cost of services which will be generated by SIPS, e.g., communication services.

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6. Impact on OCS regarding computer support, i.e., systems analysis, programming, and ADP equipment.
7. Phase in to MIS.
8. Trade-off between SIPS and the other Support Offices in terms of transferring office positions to SSS.

Financial

Please describe in detail your present status, projected plans, and alternatives for this portion of SIPS. We are specifically interested in:

1. SSS resources required (funds and positions) to implement this system. Please explain specifically the number of personnel required on the SSS T/O, personnel to be detailed from the Office of Computer Services, and detailees from elsewhere in the Support Directorate.
2. Time phasing toward implementation.
3. What will this subsystem buy the Agency in terms of economy, time, manpower savings and decision making? Suppose this work is not done -- what is the estimated loss of capabilities? What factors force this approach on us versus other alternatives?
4. Please review the substantive requirements supporting this subsystem approach. Explain how the requirements influence the priority of your planned implementation.
5. Impact on the Office of Finance, other DD/S Offices, and other Agency components (including OPPB) regarding manpower savings through the abolishment of older, slower systems and techniques. Please describe anticipated cost of services which will be generated by SIPS, e.g., communication services.
6. Impact on OCS regarding computer support, i.e., systems analysis, programming, and ADP equipment.

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7. Phase in to MIS.
8. Trade-off between SIPS and the other Support Offices in terms of transferring office positions to SSS.

Materiel

Please describe in detail your present status, projected plans, and alternatives for this portion of SIPS. We are specifically interested in:

1. SSS resources required (funds and positions) to implement this system. Please explain specifically the number of personnel required on the SSS T/O, personnel to be detailed from the Office of Computer Services, and detailees from elsewhere in the Support Directorate.
2. Time phasing toward implementation.
3. What will this subsystem buy the Agency in terms of economy, time, manpower savings and decision making? Suppose this work is not done -- what is the estimated loss of capabilities? What factors force this approach on us versus other alternatives?
4. Please review the substantive requirements supporting this subsystem approach. Explain how the requirements influence the priority of your planned implementation.
5. Impact on the Office of Logistics, other DD/S Offices, and other Agency components (including OPPB) regarding manpower savings through the abolishment of older, slower systems and techniques. Please describe anticipated cost of services which will be generated by SIPS, e.g., communication services.
6. Impact on OCS regarding computer support, i.e., system analysis, programming, and ADP equipment.
7. Phase in to MIS.
8. Trade-off between SIPS and the other Support Offices in terms of transferring office positions to SSS.

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General Questions

1. In reviewing your stated resource requirements no indication is given given regarding ultimate disposition of current "on loan" personnel provided to the SIPS effort. Please explain vis-a-vis 10 position increase in 1970. For the increases in 1971 through 1974. What will the increasing number of people assigned to information processing be producing?
2. Please provide detailed explanation of plans to "extend SIPS in the Support Directorate and to other Agency components".
3. Please describe the coordination mechanism that exists between SSS and other Support Offices regarding SIPS/MIS planning. Also describe coordination with other Agency components. If coordination is as close as SSS indicates, why are the other DD/S programs practically devoid of any mention of SIPS implementation in the time frame mentioned in the program submission.
4. In paragraph 2 of your program transmittal memorandum you stated a project outline is being developed that "will be useful in deciding how to budget for SIPS related cost". You also stated that a finished proposal was expected by 1 March 1968. Please provide a copy prior to your 24 April OPPB hearing.
5. Your submission states that an Interim Contract Information System (CONIF) has been developed for Logistics. How does this differ from the DD/S&T Contract Information System (CIS)? Are there plans to merge these two systems? Your submission states that SIPS initiated systems will allow other components to abandon their own systems "if they choose". Please explain this statement as it appears the option will

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duplication and overlap between Agency components in this area.

6. Please cite other CONIF/CIS type situations existing in the Agency. We are particularly interested in your appraisal and comments on NPIC activities.
7. Please breakout the "78 people assigned to SIPS by 1968". Relate to your position request for 1970.
8. Your submission recognizes "the dynamic environment" in which your system will operate but does not state how you will maintain necessary flexibility/adaptability to this changing environment. Please explain.
9. Please discuss the requirement for management definition of an MIS. When do you expect to receive this definition? How can terminal SIPS and preliminary MIS planning proceed without this definition? Objective II of your program submission refers to a Support Directorate MIS. Should this objective relate to an Agency wide MIS rather than being restricted to the Support Directorate?
10. You state that the people working on SIPS understand the objective for a MIS, yet you state that MIS definitions and requirements are lacking. Please explain.
11. The risk you cite facing the MIS seems to us to be of significant seriousness to warrant immediate and concentrated efforts to avoid. Please explain what you are doing to involve management in the "participation of requirement formulation". Your submission complains regarding feedback from management. If MIS is to be the ultimate goal of the Agency, shouldn't SIPS design and MIS definition be coordinated in order to reduce the risks that "SIPS data base may not contain the data elements required for the management system"? Will MIS in fact be restricted to parameters of SIPS?

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12. Do we assume that a concerted effort is going to be made in SIPS to provide a fundamental and modular data base and processing system which is the only means of responding to the diverse and usually ad hoc requests which characterize many management information requests?
13. You state that it may be "premature" to discuss alternatives toward MIS. While this may in part be true, we will never get this argument past the BOB. Please cite alternatives as you now view them recognizing that they may be subject to considerable change later on. One alternative would be contractual assistance and development of SIPS/MIS. Has this alternative been thoroughly explored?
14. How many people will be devoted to the analysis and design of the MIS as you envisage it? How will this process proceed? What are the arguments in favor/against locating MIS design with SSS?
15. Please discuss your criteria for arriving at the input-output terminal device recommendation contained in your submission.
16. The Air Force Consultant Team SIPS Review Board classifies the SIPS effort as being in the "higher risk category due to the limited support and participation of expert ADP personnel ..., the lengthy time period effected between the statement of requirements by the functional area and the delivery of finished application programs, and the plan to develop and debug a large complex system on computer hardware which is heavily committed to a data production effort". Please comment.

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17. In Section II (d) you discuss the need for a central staff to avoid "systems will become static and outmoded as user interests take priority over systems interest". This raises several questions:

- a. Are system interests different from user interests?
- b. Which in your opinion should be decisive? If they are joint, delineate the area of primary "system" influence and the area of primary "user" influence, and indicate what part of your costs in time and money are associated with each.

Regulations Control

Please explain the \$8,000 requested increase in 1970 and the subsequent sustained higher level of funding through 1974. Please describe your plans to modernize and improve the Agency regulatory system.

Record Administration

1. While some alternatives to increased staffing in this area were spoken of in your submission, the alternative to dropping or trading off lower priority programs was not. Please provide additional justification for the 5 position increase request together with lower priority or trade-off options considered.

- 25X1A 2. Your request for the  construction item  would seem to 25X1A  
leave the ExDir and the DCI with no option but to proceed. What if they opt not to? Please provide alternatives, e.g., would a purge of current records alleviate this problem? Can GSA provide the needed storage space?
3. Describe the impact of computer and microminiature technology on the Agency's records program.

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